Index of Claims

| Application | /Control | No. |
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Applicant(s)/Patent under Reexamination SUBRAMANIAN ET AL.

09/900,986 Examiner

Art Unit

Jack Chen -

2813

| 1 | Rejected |
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| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
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| ÷ | Restricted                     |

| Z | Non-Elected |
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I Interference

| A | Appeal   |
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| o | Objected |

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| Cla             | im              |          |              |  |              | Dat  | e        |          |          |          |  | Cla   | im       |          |          |          |   | Date | 9        | _        |
| Final           | Original        | 1/5/05   |              |  |              |  |          |          |          |          |  | Final | Original |          |          |          |   |      |          |          |
|                 | 1               | 7        |              |  |              |  |          |          |          |          |  |       | 51       |          |          |          |   |      |          | I        |
|                 | 2               | ~        |              |  |              |  |          |          |          |          |  |       | 52       |          |          |          |   |      |          | Γ        |
|                 | 3               | ~        |              |  |              |  |          |          |          |          |  |       | 53       |          |          |          |   |      | L        | L        |
|                 | 4_              | ~        | 匚            |  | L            |  | L        | L        |          | L_       |  |       | 54       |          | $\perp$  |          |   | L    | L        | L        |
|                 | 5               |          |              | <u>_</u>   | 乚            | _  | _        | L        |          | Щ        |  |       | 55       | Щ        | _        |          |   | _    | _        | L        |
| <u> </u>        | 6               | _        | ļ            | <u> </u>   | _            | Ļ.   | <u> </u> | <u> </u> | _        |          |  |       | 56       |          | _        |          |   | _    | ╙        | Ļ        |
|                 | 7               | _        | <u> </u>     | <u> </u>   | _            | <u> </u>   | <u> </u> | ļ        | <u> </u> |          |  |       | 57       | $\sqcup$ | 4        | _        |   | _    | <b>L</b> | Ļ        |
| <u> </u>        | 8               | -        | L            | _  | ⊢            | _  | _        | L        | _        |          |  |       | 58       | $\vdash$ | $\dashv$ |          |   |      | <u> </u> | Ł        |
| $\vdash$        | 9               | 1        | ⊢            | H  | ⊢            | ⊢  | H        |          | H        |          |  |       | 59       | $\vdash$ | $\dashv$ |          |   |      | <u> </u> | ╀        |
| -               | 10<br>11        | V        | ⊢            |  | ┢            | ┝  | ⊢        | _        | ┢        |          |  |       | 60<br>61 | $\dashv$ | $\dashv$ |          |   |      | <u> </u> | H        |
| -               | 12              | 7        | ┢            | ┝  | ┢            | ┢  |          | -        | H        | -        |  |       | 62       | $\dashv$ | $\dashv$ |          |   |      | ⊢        | ╁        |
| -               | 13              | 7        | $\vdash$     |  | $\vdash$     | ⊢  | $\vdash$ | $\vdash$ | $\vdash$ | _        |  |       | 63       | $\vdash$ | $\dashv$ | _        |   | _    | $\vdash$ | ╁        |
|                 | 14              | ۲        | $\vdash$     | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$ |          |          | _        |  |       | 64       | -        | $\dashv$ |          | _ | _    | $\vdash$ | H        |
| $\vdash$        | 15              | v        | -            |  | H            | H  |          |          |          | -        |  |       | 65       | $\vdash$ | -        | _        |   |      | Н        | t        |
|                 | 16              | 7        | $\vdash$     | $\vdash$   | $\vdash$     | H  | $\vdash$ |          |          |          |  |       | 66       | $\Box$   | 寸        |          |   | _    | $\vdash$ | t        |
|                 | 17              | 1        | <u> </u>     | Г  |              | Г  |          |          |          |          |  |       | 67       | $\Box$   | 寸        |          |   | _    | Г        | t        |
|                 | 18              |          |              |  |              |  |          |          |          |          |  |       | 68       | Ħ        | T        |          |   |      |          | T        |
|                 | 19              | v        |              |  |              |  |          |          |          |          |  |       | 69       |          | ヿ        |          |   |      |          | T        |
|                 | 20              | 7        |              |  |              |  |          |          |          |          |  |       | 70       |          |          |          |   |      |          | Γ        |
|                 | 21              | 7        |              |  |              |  |          |          |          |          |  |       | 71       |          |          |          |   |      |          |          |
|                 | 22              | Z        |              |  |              |  |          |          |          |          |  |       | 72       |          |          |          |   |      |          |          |
|                 | 23              | ~        | L            |  | <u>.</u>     |  |          |          |          |          |  |       | 73       |          | $\dashv$ |          |   | _    | L        | L        |
|                 | 24              |          |              |  |              | ļ  |          | <u> </u> |          |          |  |       | 74       | $\sqcup$ | _        |          |   |      |          | Ļ        |
|                 | 25              | <u> </u> | <u> </u>     |  | <u> </u>     | _  | <u> </u> | <u> </u> |          | _        |  |       | 75       |          |          |          |   | _    | <u> </u> | Ł        |
|                 | 26<br>27        | ┝        | _            | <u> </u>   | <del> </del> | ├  |          | <u> </u> |          | -        |  |       | 76<br>77 | $\dashv$ | $\dashv$ |          |   | _    | -        | ╀        |
| _               | 28              | ├        | <u> </u>     | -  |              | -  | -        | <u> </u> | -        | -        |  | -     | 78       | $\vdash$ | $\dashv$ |          |   | -    |          | ⊦        |
| -               | 29              | ┢        | -            | -  | ⊢            |  |          |          |          | _        |  |       | 79       | $\vdash$ | $\dashv$ | _        | _ |      |          | ╁        |
|                 | 30              | ┢┈       | -            | -  | ┢            | $\vdash$   | $\vdash$ | Н        |          | _        |  |       | 80       | $\vdash$ | $\dashv$ | _        | _ |      | <u> </u> | t        |
| -               | 31              | $\vdash$ | $\vdash$     | -  | -            |  |          |          |          |          |  |       | 81       |          | $\dashv$ |          |   |      |          | t        |
| $\vdash$        | 32              |          |              |  | Т            |  | $\vdash$ |          |          |          |  |       | 82       |          | 1        |          |   |      |          | t        |
|                 | 33              |          | _            |  | ┌            | _  |          |          | П        |          |  |       | 83       |          | $\neg$   | _        |   |      |          | T        |
|                 | 34              |          |              | İ  | Г            |  |          |          |          |          |  |       | 84       |          |          |          |   |      |          | Γ        |
|                 | 35              |          |              |  |              |  |          |          |          |          |  |       | 85       |          | _1       |          |   |      |          | Γ        |
|                 | 36              |          |              |  |              |  |          |          |          |          |  |       | 86       |          |          |          |   |      |          | Γ        |
|                 | 37              |          |              |  |              |  |          |          |          |          |  |       | 87       |          | $\Box$   |          |   |      |          | ſ        |
|                 | 38              |          |              | L  |              |  |          |          |          |          |  |       | 88       | $\Box$   | $\prod$  |          |   |      |          | Ĺ        |
|                 | 39              | L        |              | <u> </u>   | <u> </u>     | <u> </u>   | <u> </u> |          | Ш        |          |  |       | 89       |          | _        | _        |   |      | L        | L        |
| $\vdash \vdash$ | 40              | _        |              | _  | ⊢            | <u> </u>   | <u> </u> | $\vdash$ | $\vdash$ | _        |  |       | 90       | $\dashv$ | $\dashv$ | _        |   |      | <u> </u> | Ł        |
| $\vdash$        | 41              |          | <u> </u>     | <u> </u>   | ├-           | <u> </u>   | <u> </u> | <u> </u> | -        | <u> </u> |  |       | 91       | $\dashv$ |          | _        | _ |      | <b>—</b> | Ł        |
| $\vdash$        | 42              | H        | $\vdash$     | <u> </u>   |              | <del> </del>                                     |          |          | $\vdash$ | <u> </u> |  |       | 92<br>93 | $\dashv$ | -        |          |   |      | -        | $\vdash$ |
|                 | 43<br>44        | -        | <del> </del> | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$ | _        |  |       | 93       | $\dashv$ | $\dashv$ | -        | _ |      | $\vdash$ | $\vdash$ |
| $\vdash$        | 45              | H        |              |  | $\vdash$     | <u> </u>   | $\vdash$ | $\vdash$ | $\vdash$ | -        |  |       | 95       |          | $\dashv$ | -        |   |      | $\vdash$ | H        |
| $\vdash$        | <del>1</del> 46 | Н        | -            | ┢  | -            | <del> </del>                                     | <u> </u> | -        | -        | -        |  |       | 96       | $\dashv$ | $\dashv$ | $\dashv$ | - | _    |          | t        |
|                 | 47              |          | -            | <del>                                     </del> | $\vdash$     |  | $\vdash$ | $\vdash$ | $\vdash$ | _        |  |       | 97       | $\vdash$ | +        | _        |   |      | Г        | t        |
| П               | 48              | Т        |              | $\vdash$   | Т            | <del>                                     </del> | 1        |          |          | _        |  |       | 98       | $\Box$   | $\dashv$ | $\neg$   |   |      |          | T        |
|                 | 49              |          |              |  | <u> </u>     |  |          |          |          |          |  |       | 99       |          | $\dashv$ |          |   |      | _        | T        |
|                 | 50              |          |              |  |              |  |          |          |          |          |  |       | 100      |          |          |          |   |      |          | Ī        |
|                 |                 |          |              |  |              |  |          |          |          |          |  |       |          |          |          |          |   | _    |          | _        |

| Cla   | aim            | <u> </u> |   |     | ! | Date | e |   | _ | _        |
|-------|----------------|----------|---|-----|---|------|---|---|---|----------|
| Final | Original       |          |   |     |   |      |   |   |   |          |
|       | 51             |          |   |     |   |      |   |   |   |          |
|       | 52             |          |   |     |   |      | L |   |   | L        |
|       | 53             |          |   |     |   |      |   |   |   | L        |
|       | 54             |          |   |     |   |      |   |   |   |          |
|       | 55             |          |   |     |   |      |   |   |   |          |
|       | 56             |          | L |     |   |      |   |   |   |          |
|       | 57             |          | L |     |   |      |   |   |   |          |
|       | 58             |          |   |     |   |      | L |   |   |          |
|       | 59             |          |   |     |   |      |   |   |   |          |
|       | 60             |          |   |     | L |      |   |   |   |          |
|       | 61             |          |   |     |   |      |   |   |   |          |
|       | 62             |          |   |     |   |      |   |   |   |          |
|       | 63             |          |   |     |   | L.   |   |   |   | L        |
|       | 64             |          | L |     |   |      |   |   |   |          |
|       | 65             |          |   |     |   |      |   |   |   |          |
|       | 66             |          |   |     |   |      |   |   |   |          |
|       | 67             |          |   |     |   |      |   |   |   |          |
|       | 68             |          |   |     |   |      |   |   |   |          |
|       | 69             |          |   |     |   |      |   |   |   |          |
|       | 70             |          |   |     |   |      |   |   |   |          |
|       | 71<br>72<br>73 |          |   |     |   |      |   |   |   | Γ        |
|       | 72             |          |   |     |   |      |   |   |   | Г        |
|       | 73             |          |   |     | Г | Г    |   |   | П |          |
|       | 74             |          | Γ |     | Г |      |   | Г | Π | Γ        |
|       | 74<br>75       |          |   |     |   |      |   |   | Ĭ | Γ        |
|       | 76             |          |   |     |   |      |   |   |   |          |
|       | 77             |          |   |     |   |      |   |   |   |          |
|       | 78             |          |   |     |   |      |   |   |   |          |
|       | 79             |          |   |     |   |      |   |   |   |          |
|       | 80             |          |   |     |   |      |   |   |   |          |
|       | 81             |          |   |     |   |      |   |   |   |          |
|       | 82             |          |   |     |   |      |   |   |   |          |
|       | 83             |          |   |     |   |      |   |   |   | L        |
|       | 84             |          |   |     |   |      |   |   |   |          |
|       | 85             |          |   |     |   |      |   |   |   | Γ        |
|       | 86             |          |   |     |   |      |   |   |   | Γ        |
|       | 87             |          |   |     | L |      |   |   |   | Γ        |
|       | 88             |          |   |     |   |      |   |   |   |          |
|       | 89             |          |   |     |   |      |   |   |   |          |
|       | 90             |          |   |     |   |      |   |   |   |          |
|       | 91             |          |   |     |   |      |   |   |   | $\Gamma$ |
|       | 92             |          |   |     |   |      |   |   |   |          |
|       | 93             |          |   |     |   |      |   |   |   |          |
|       | 94             |          |   |     |   |      |   |   |   |          |
|       | 95             |          |   |     |   |      |   |   |   |          |
|       | 96             |          |   |     |   |      |   |   |   |          |
|       | 97             |          |   |     |   |      |   |   |   |          |
|       | 98             |          |   |     |   |      |   |   | L |          |
|       | 99             |          |   |     |   |      |   |   |   | Ĺ        |
|       | 100            | _        | 1 | ı — |   |      |   | 1 |   | _        |

| Cl    | Date              |  |          |              |          |          |          |          |          |          |  |
|-------|-------------------|--|----------|--------------|----------|----------|----------|----------|----------|----------|--|
| Final | Original          |  |          |              |          |          |          |          |          |          |  |
|       | 101               | $\vdash$   | $\vdash$ | _            | Г        | Г        | $\vdash$ | Т        |          |          |  |
|       | 102               |  |          |              |          |          |          |          |          |          |  |
|       | 102<br>103        |  |          |              |          |          |          |          |          |          |  |
|       | 104<br>105        | _  | L.       | _            | L.       |          | <u> </u> |          |          | Ш        |  |
|       | 105               | <u> </u>   | _        | L            | <u> </u> | <u> </u> | <u> </u> | L_       |          | Ш        |  |
|       | 106<br>107        | <u> </u>   | ⊢        | _            | <u> </u> | <u> </u> | <u> </u> |          | _        | Н        |  |
|       | 107               | _  | $\vdash$ | _            | ┝        | ┢        | _        | $\vdash$ |          | Н        |  |
|       | 100               | -  |          | $\vdash$     | ┝        |          |          | $\vdash$ | _        | Н        |  |
|       | 110               | <del>                                     </del> | -        | $\vdash$     | _        | _        | _        | ┢        |          | Н        |  |
|       | 111               |  | $\vdash$ | $\vdash$     |          | _        |          |          |          |          |  |
|       | 110<br>111<br>112 |  |          |              |          |          |          |          |          |          |  |
|       | 113               |  |          |              |          |          |          |          |          |          |  |
|       | 113<br>114<br>115 |  |          |              | 匚        |          |          |          |          |          |  |
|       | 115               |  | _        | _            | _        |          |          | _        |          | Ш        |  |
|       | 116<br>117        | L  | L        |              | L        | <u> </u> | _        | _        | L        | Ш        |  |
|       | 117               | _  | $\vdash$ | _            | _        | _        | _        |          | _        | Н        |  |
|       | 118<br>119        | _  |          |              | <u> </u> | <u> </u> |          |          |          | Н        |  |
|       | 120               | _  | _        |              | _        | ⊢        |          |          | $\vdash$ | Н        |  |
|       | 121               | -  | $\vdash$ | _            | $\vdash$ | <u> </u> |          | _        | -        | Н        |  |
|       | 121<br>122<br>123 |  | $\vdash$ |              | $\vdash$ |          |          |          | -        | Н        |  |
|       | 123               |  | -        |              | $\vdash$ | -        |          |          |          |          |  |
|       | 124               |  |          |              |          |          |          |          |          | П        |  |
|       | 124<br>125        |  |          |              |          |          |          |          |          |          |  |
|       | 126               |  |          |              |          |          |          |          |          |          |  |
|       | 127               |  | L        |              |          |          |          |          |          |          |  |
|       | 128               | _  |          |              |          |          |          |          |          |          |  |
|       | 128<br>129<br>130 | $\vdash$   | _        |              | _        |          | _        | <u> </u> |          | $\dashv$ |  |
|       | 130               | L  | Ш        | _            |          |          | _        |          |          | $\Box$   |  |
|       | 131               |  | $\vdash$ |              |          | -        |          |          |          | Н        |  |
|       | 132<br>133        | -  |          |              | -        |          |          |          |          | $\dashv$ |  |
|       | 134               |  | H        | -            | —        |          |          |          | H        | H        |  |
|       | 135               | Т  | Т        |              | Т        | П        |          | П        | Т        | Н        |  |
|       | 135<br>136        |  |          |              |          |          |          | П        | П        | П        |  |
|       | 137               |  |          |              |          |          |          |          |          |          |  |
|       | 138               |  |          |              |          |          |          |          |          |          |  |
|       | 139               | Ш  |          | $oxed{oxed}$ |          |          | Ш        | Ш        | Ш        | Ш        |  |
|       | 140               |  |          |              | _        | _        |          |          | <u> </u> | Ш        |  |
|       | 141               | $\vdash$   | _        | _            |          |          | $\vdash$ | <u> </u> | _        | Ш        |  |
|       | 142               | -  | ļ        | <u> </u>     | <b>-</b> |          |          | H        | H        | Н        |  |
|       | 143<br>144        | $\vdash$   | $\vdash$ | _            | $\vdash$ | $\vdash$ | $\vdash$ | H        | H        | Н        |  |
|       | 145               |  |          | _            |          | -        |          | H        |          | Н        |  |
|       | 146               |  | $\vdash$ |              | Н        | Н        | $\vdash$ | $\vdash$ | -        | H        |  |
|       | 147               | _  |          |              | Т        |          | -        |          |          | Н        |  |
|       | 148               | П  |          |              |          |          |          | П        |          | Н        |  |
|       | 149               |  |          |              |          |          |          |          |          |          |  |
|       | 150               |  |          |              |          |          |          |          |          |          |  |